

**Amendments To The Drawings:**

The attached drawing sheets include one annotated sheet showing one change to FIG. 6. The other attached sheet is a replacement sheet in which the revision shown on the annotated sheet is hidden.

Attachment: Replacement sheet of FIGS. 6 and 7.

Annotated sheet showing the revision to FIG. 6.

### **REMARKS/ARGUMENTS**

In the office action, the drawings were objected to because reference numeral 624 identifies two different structures in FIG. 6. In response to the drawing objection, the applicant is submitting an amended FIG. 6, which deletes one instance of reference numeral 624 and replaces it with reference numeral 634. The revision to FIG. 6 is encircled in red on the attached annotated sheet. The revision is hidden on the attached replacement sheet for FIG. 6 and 7.

Claims 1-3 were rejected under 35 U.S.C. §102(b) as being anticipated by U.S. patent 4,930,995 to Suzuki et al.

Claims 1-2 were rejected under 35 U.S.C. §102(b) as being anticipated by U.S. patent 5,860,800 to Kramer et al.

Claims 4-6 were rejected under 35 U.S.C. §103(a) as being unpatentable over Suzuki in view of U.S. patent number 4,480,965 to Ishizuka.

In response to the rejections under §102, claim 1 has been amended to add a new limitation found in dependent claim 2. Claim 2 has been cancelled. Claim 3 has been amended to improve the claim's clarity; not to surrender subject matter or narrow its scope. For reasons set forth below, amended claim 1 avoids both the Suzuki and the Kramer references.

Paraphrased, amended claim 1 recites that first and second discharge chambers are defined by a cylindrical partition. The claim also recites that the two chambers are coupled to each other by a hole through the cylindrical partition.

Amended claim 1 avoids the Suzuki reference for at least two reasons.

First, claim 1 requires a valve assembly that is located between the head and the cylinder block. Suzuki, however, shows valves that are clearly shown to be within the cylinder head, i.e., not between the head and the cylinder block.

Second, amended claim 1 requires two discharge chambers that are separated from each other by a cylindrical partition. Moreover, the two discharge chambers in amended claim 1 are recited as being coupled to each other by a hole that extends through the partition. Suzuki does not have a corresponding structure. Therefore, it cannot anticipate claim 1 nor can it anticipate any claim that depends from claim 1.

As for the Kramer reference, that reference also does not have any structure or device that corresponds to the cylindrical partition of pending claim 1. Kramer shows a plate 76, however, a "plate" is not the same as a cylinder. Thus, Kramer does not anticipate pending claim 1 nor can it anticipate any claim that depends from claim 1.

Even if the Examiner were to somehow read the cylindrical partition of claim 1 on Kramer, amended claim 1 *also* requires that the first and second discharge chambers be coupled to each other by a hole that extends through the cylindrical partition. Kramer simply does not have a hole that extends through a cylindrical partition that defines first and second discharge chambers. For this additional reason, Kramer does not anticipate amended claim 1.

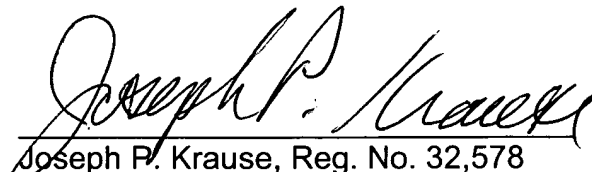
Since none of the reference cited by the Examiner teaches, shows, or suggests, two discharge chambers that are separated from each other by a cylindrical partition, which partition also includes at least one hole through the partition that couples the partitions to each other, claim 1 is allowable over the prior art cited by the Examiner.

Since claim 1 is allowable over the prior art, the dependent claims are also allowable over the prior art because the dependent claims add limitations to claim 1 to further distinguish the claim from the prior art.

Since the Applicant has distinguished the claims from the art cited by the Examiner, claims 1 and 3-10 are submitted to be in condition for allowance.

Respectfully submitted,

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Joseph P. Krause, Reg. No. 32,578  
Ladas & Parry  
224 South Michigan Avenue  
Chicago, Illinois 60604  
(312) 427-1300

**APPENDIX OF ATTACHMENTS**

Application Serial No. 10/663/069  
Reply to Office Action of 09/18/2006

**Replacement Sheet of FIGS. 6 and 7  
(a total of 1 sheets of drawings)**

and

**Annotated Sheets Showing Change to FIGS. 6  
(a total of 1 sheet of drawings)**

FIG. 6

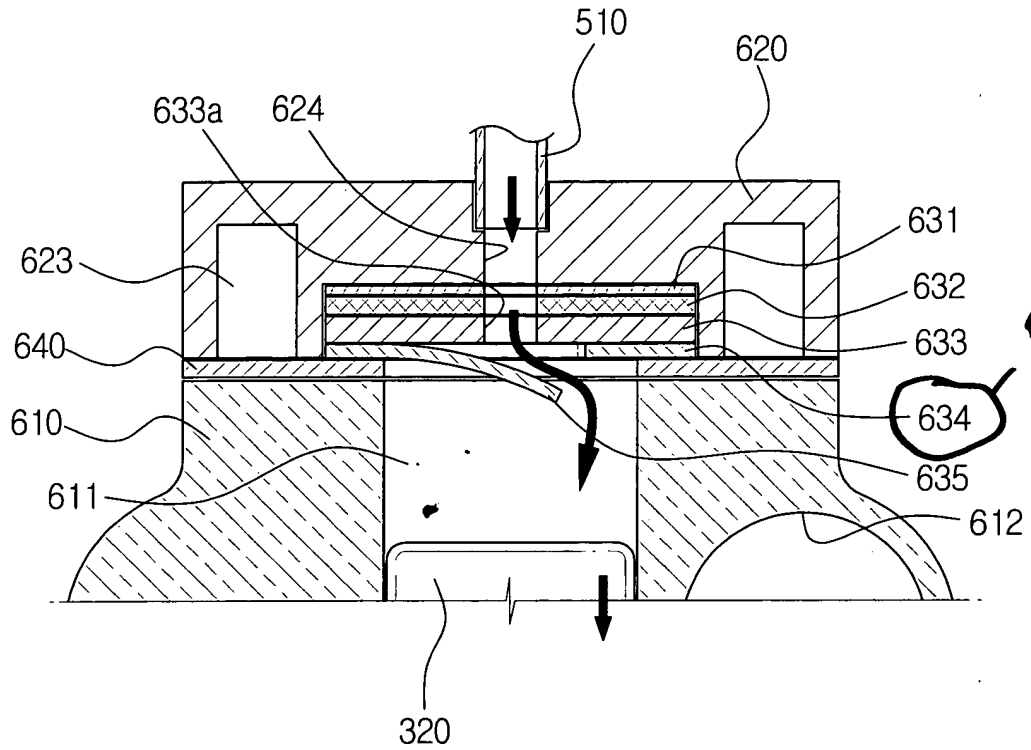


FIG. 7

